

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: Unknown
Filed: Herewith
Inventor(s):
James Y. Cho
James B. Keller
Mark D. Hayter

Title: **MEMORY
CONTROLLER WITH
PROGRAMMABLE
CONFIGURATION**

§ Examiner: Unknown
§ Group/Art Unit: Unknown
§ Atty. Dkt. No: 5580-01302
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CERTIFICATE OF EXPRESS MAIL
UNDER 37 C.F.R. §1.10

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I hereby certify that this paper or fee is being deposited with the
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Commissioner for Patents
M/S Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Derrick Brown

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
M/S Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

Applicant requests consideration of ☒ the references listed on the attached Form PTO-1449 and/or ☒ the additional information identified below in paragraph 3. A copy of some of the references list on the From PTO-1449 are attached. Those listed and not attached were previously cited in application serial no. 09/665,989 to which the captioned application is seeking priority under 35 U.S.C. § 120; therefore, a copy of each reference is not enclosed.

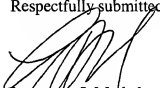
1. This Information Disclosure Statement is submitted:
 - a. ☒ within 3 months of the filing date of the above identified application, or within 3 months of entry into National stage prosecution of an International application, or before the mailing date of the first Office Action on the merits, and thus no certification and/or fee is required.

- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus:
- ☐ the certification of paragraph 2 below is provided, or
- ☐ a fee authorization for \$180.00 is enclosed.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus:
- ☐ the certification of paragraph 2 below is provided, and
- ☐ a fee authorization for \$180.00 is enclosed.
2. It is hereby certified:
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.
3. ☒ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
- pp. 1-3 entitled "Background of the Invention" from the specification of the captioned application.
- pp. 1-3, entitled "Background of the Invention," from the captioned application specification
4. For each non-English language reference listed on the attached Form PTO-1449:
- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or

- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
- ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:
6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5580-01302/LJM.

Respectfully submitted,



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Date: July 24, 2003

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DKT. NO. 5580-01302	SERIAL NO. Unknown
	APPLICANT: James Y. Cho, et al.	GROUP: Unknown
	FILING DATE: Herewith	

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
		5,619,471	4/97	Ann B. Nunziata			
		5,241,665	8/93	James R. MacDonald			
		5,278,967	1/94	Brian W. Curran			
		5,307,320	4/94	Farrer, et al.			
		5,329,629	7/94	Horst, et al.			
		5,850,632	12/98	Iain Robertston			
		5,895,481	4/99	Kok-Kean Yap			
		6,032,214	2/00	Farmwald, et al.			
		6,041,393	3/00	Wei Hsu			
		6,049,855	4/00	Joseph Jeddeloh			
		6,052,134	4/00	Joseph E. Foster			
		6,154,821	11/00	Barth, et al.			
		6,154,825	11/00	Murdoch, et al.			
		6,505,269	1/03	Kenneth H. Potter			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Halfhill, "SiByte Reveals 64-bit Core for NPUs," Microprocessor Report, June 2000, pp. 45-48.
	Digital Semiconductor 21172, Core Logic Chipset, Technical Reference Manual, © Digital Equipment Corporation, April 1996, Ch. 3 pp. 17-27; Ch. 4 pp. 49-61.
	82430 PCISet Cache/Memory Subsystem, © 1993 Intel Corporation, pp. 53-168.
	82420 PCISet Cache/Memory Subsystem, © 1993 Intel Corporation, pp. 23-149.
	U.S. Publication No. 2001/0005876, published June 2001, Srinivasan, et al.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.